

Title (en)

Lighting device with LED and regulated power supply

Title (de)

Beleuchtungsanordnung mit LED und geregeltes Netzteil

Title (fr)

Dispositif d'éclairage à diodes électroluminescentes à circuit d'alimentation régulé

Publication

EP 2326144 B1 20130612 (FR)

Application

EP 10191417 A 20101116

Priority

FR 0905516 A 20091117

Abstract (en)

[origin: EP2326144A1] The device comprising a set of LEDs arranged in a set of ramps. Each ramp comprises another set of LEDs arranged in series. A step-up converter circuit (DCM) generates high voltage from low direct current (DC) voltage. An analog servo control device (D.A) comprises an operating mode, where one of the modes is defined by an electronic addressing of the high voltage. The servo control device comprises servo control electronic circuits (C.A.k) linked to an electronic multiplexer (MUX). Each servo control electronic circuit is operated when the operating mode is selected.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/10 (2020.01 - EP US); **H05B 45/44** (2020.01 - EP US); **H05B 45/38** (2020.01 - EP US)

Cited by

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Designated contracting state (EPC)

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